

**ABSTRACT**

A method and system for diagnostic preservation of the state of resources in a computer system after a failure is disclosed. An aspect of the invention is directed to the real-time diagnostic analysis of a computer system after a failure, in which the  
5 state of resources needed for the diagnostic analysis are preserved from the time of the failure. The computer system is then accessed by using other resources on the computer system, and the preserved resources are analyzed to debug the failure.